

ABSTRACT

COMPOSITIONS BASED ON SEMI-CRYSTALLINE THERMOPLASTIC  
RESINS AND ON BLOCK COPOLYMERS, THE MATERIALS  
5 OBTAINED AND THEIR PROCESSES OF PREPARATION.

These compositions based on semi-crystalline  
thermoplastic resin and on ABC block copolymers result  
in materials or in items which exhibit an impact  
10 strength, an elongation at break, a resistance to  
cracking and to deformation under stress, and a thermal  
behaviour which are improved with respect to semi-  
crystalline resin or resins alone or mixed with  
conventional impact additives, while retaining a high  
15 modulus and thus a degree of stiffness. They are  
generally suitable for the preparation of items or  
articles, such as sheets, films, pipe sheathings,  
tubings, pipes, yarns, strands, cable sheathings,  
bracing wires, leaktight sheathings, sleeve tubes, both  
20 mono- and multilayer, shaped components, moulded  
panels, thermoformed articles, sections, bottles or  
powders for coating substrates. The materials or items  
obtained from these compositions exhibit a  
characteristic morphology visible in electron  
25 microscopy.

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